

# CPC3412

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## GigaSPEED XL® GS8E Single End Stranded Cordage Modular Patch Cord

### Product Classification

<b>Regional Availability</b>	Asia   Australia/New Zealand   EMEA   Latin America   North America
<b>Portfolio</b>	SYSTIMAX®
<b>Product Type</b>	Twisted pair patch cord
<b>Product Brand</b>	GigaSPEED XL®
<b>Product Series</b>	CPC
<b>Ordering Note</b>	Cords < 1 m are valid elements for use in a channel or as an equipment interconnect but due to their limited length are not guaranteed to meet component compliance requirements that were developed to assess the quality of longer cords   Cords > 1 m are authorized for use in channels and are an effective standalone method used to connect active devices

### General Specifications

<b>ANSI/TIA Category</b>	6
<b>Cable Type</b>	U/UTP (unshielded)
<b>Conductor Type</b>	Stranded
<b>Interface, Connector A</b>	RJ45 plug
<b>Interface Feature, connector A</b>	Standard
<b>Interface, Connector B</b>	Unterminated
<b>Interface Feature, connector B</b>	Standard
<b>Jacket Color</b>	Black   Blue   Dark gray   Light blue   Lilac   Orange   Red   Spring green   White   Yellow
<b>Pairs, quantity</b>	4
<b>Transmission Standards</b>	IEEE 802.3bt Type 4
<b>Wiring</b>	T568B

### Dimensions

<b>Cable Assembly Length Range (m)</b>	1 – 30
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<b>Cable Assembly Length Range (ft)</b>	1 – 100
<b>Cable Assembly Length Range (cm)</b>	15 – 999
<b>Cable Assembly Length Range (in)</b>	6 – 999
<b>Diameter Over Jacket</b>	5.97 mm   0.235 in

## Wiring Diagram

	Connector A	Connector B
Position 1	White/Orange	
Position 2	Orange	
Position 3	Lt. Green	
Position 4	Blue	
Position 5	Lt. Blue	
Position 6	Green	
Position 7	Lt. Brown	
Position 8	Brown	

## Electrical Specifications

<b>dc Resistance, maximum</b>	0.3 ohm
<b>Safety Voltage Rating</b>	300 V

## Material Specifications

<b>Contact Plating Material</b>	Precious metals
<b>Material Type</b>	Copper alloy   Polycarbonate

## Mechanical Specifications

<b>Plug Insertion Life, minimum</b>	750 times
<b>Plug Retention Force, minimum</b>	133 N   29.9 lbf

## Environmental Specifications

<b>Operating Temperature</b>	-10 °C to +60 °C (+14 °F to +140 °F)
<b>Environmental Space</b>	Non-plenum
<b>Flammability Rating</b>	UL 94 V-0

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**Safety Standard**

ETL | cETL

## Packaging and Weights

**Packaging quantity**

1

## Regulatory Compliance/Certifications

**Agency**

ISO 9001:2015

**Classification**

Designed, manufactured and/or distributed under this quality management system

